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COMBUSTION ANALYZERS

Model Si-CA 030 and Si-CA 130

Product informations

Si-CA 030, combustion analyzer for residential and commercial generators, compact, light and resistant product; equipped with wireless connection to the *Mobile Sauermann Combustion App* for smartphones and automatic generation of maintenance reports and certificates.

Product features

- sensor life estimation alert and calibration expiration reminder
- data management with automatic logging and reporting
- draft and differential pressure measurements
- ambient CO monitoring, with automatic pump shutdown for high CO levels
- the CO sensor measures up to CO at 8000ppm
- calculated CO_2% value
- set up for NOx measurement
- quick and easy pump start/stop control
- combustion efficiency and excess air calculations

Features Mobile App Sauermann Combustion

- free app for iOS and Android mobile devices
- fast and easy wireless connection
- real-time remote display of combustion analysis data in list or graph form
- remote control to change settings
- data saving, including automatic registration
- creation of reports in PDF, CSV (for Excel) and XML formats

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- database for customers, operators and generators

Download here!

- **https://play.google.com/store/apps/details?id=com.sauermann.comran20**
- **https://apps.apple.com/gb/app/sauermann-combustion/id1520008258**

The Si-CA 030 kit includes

- *Si-CA 030* analyzer
- gas sensors (*O2, CO model Si-CA 030 2AS) - (O2, CO, NO model Si-CA 030 3AS*)
- 180 mm flue probe with 2 m pipe
- condensate separator with filter
- AC adapter / charger
- remote wireless printer
- USB cable
- internal wireless communication module
- vinyl case
- fast guide
- calibration certificate

ORDER INFORMATION	
SKU 90051	COMBUSTION *ANALYZER KIT WITH 2 ELECTROCHEMICAL CELLS (O2, CO),* 180 MM PROBE WITH 2 M HOSE AND VINYL CASE, 2-YEAR WARRANTY; INCLUDES WIRELESS PRINTER, 1 PACK OF FILTERS
SKU 90052	COMBUSTION *ANALYZER KIT WITH 3 ELECTROCHEMICAL CELLS (O2, CO, NO),* 180 MM PROBE WITH 2 M HOSE, VINYL CASE AND 2-YEAR WARRANTY; INCLUDES WIRELESS PRINTER AND 1 PACK OF FILTERS

Si-CA 130, combustion analyzer for residential and commercial generators, compact, light and resistant product; equipped with a *touch-screen display and PC management software (in addition to the smartphone app)* for more in-depth analysis.

Product features

- warning about the estimated life of the sensors and reminder of the expiration of the calibration
- draft and differential pressure measurements
- calculated CO2% value
- prepared for NOx and low NOx cell (optional)
- combustion efficiency and excess air calculations
- monitoring of CO and *CO2 in ambient air*
- rubber protective case
- automatic pump shutdown for high CO levels *(user settable thresholds)*
- *one touch On/Off pump with refreshments*
- *Windows PC software with wireless and USB connectivity*
- *graphical display of data*
- *customizable gas analysis screen*
- *flue gas treatment unit for precise NOx measurements*
- *smart probe for air temperature*

Features Sauermann Combustion Mobile App and PC Software

- free apps for iOS and Android mobile devices
- PC software with USB and wireless connectivity
- fast and easy wireless connection
- real-time remote display of combustion analysis data in table or graph form
- remote control to change settings
- data saving, including automatic registration
- creation of reports in PDF, CSV (for Excel) and XML formats
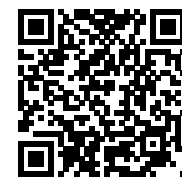- database for customers, operators and generators

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- https://apps.apple.com/gb/app/sauermann-combustion/id1520008258

The Si-CA 130 kit includes

- *Si-CA 130* analyzer
- gas sensors *(O2 and CO model Si-CA 130 2AHD) - (O2, CO, NO model Si-CA 130 3AHD)*
- rubber protective case
- 180 mm flue probe with 2 m pipe
- condensate separator with filter
- AC adapter / charger
- wireless printer
- replacement filter pack
- ABS case
- USB cable
- mobile app and PC software
- internal wireless communication module
- fast guide
- calibration certificate

ORDER INFORMATION	
SKU 90053	COMBUSTION *ANALYZER KIT* WITH TOUCH-SCREEN, *2 ELECTROCHEMICAL CELLS (O2, CO) EXPANDABLE TO THIRD CELL (NO),* PROTECTION OF THE SENSORS BY STOPPING THE PUMP, 180 MM FLUE GAS PROBE WITH 2 M HOSE AND CONDENSATE TRAP WITH FILTER , MAGNETIC PROTECTIVE SHELL, RIGID ABS PLASTIC CASE, BATTERY CHARGER, USB CABLE, QUICK START GUIDE AND CALIBRATION CERTIFICATE. DRAFT SENSOR *UNI 10845* COMPLIANT, WIRELESS COMMUNICATION FOR MOBILE APPLICATION AND REMOTE PRINTER; PREPARED FOR SYSTEM LEAK TEST ACCORDING TO *UNI 7129* AND *UNI 11137*. WARRANTY: INSTRUMENT 2 YEARS, O2/CO CELLS 4 YEARS.
SKU 90054	COMBUSTION *ANALYZER KIT* WITH TOUCH-SCREEN, *3 ELECTROCHEMICAL CELLS (O2, CO, NO),* PROTECTION OF THE SENSORS BY STOPPING THE PUMP, 180 MM FLUE GAS PROBE WITH 2 M HOSE AND CONDENSATE TRAP WITH FILTER, MAGNETIC PROTECTIVE SHELL, RIGID ABS PLASTIC CASE, BATTERY CHARGER, USB CABLE, QUICK START GUIDE AND CALIBRATION CERTIFICATE. DRAFT SENSOR *UNI 10845* COMPLIANT, WIRELESS COMMUNICATION FOR MOBILE APPLICATION AND REMOTE PRINTER; PREPARED FOR SYSTEM LEAK TEST ACCORDING TO *UNI 7129* AND *UNI 11137*. WARRANTY: INSTRUMENT 2 YEARS, O2/CO CELLS 4 YEARS.

Technical Features

SKU 90051 / 90052	
POWER SUPPLY	100-240 VAC 50-60 HZ, 5 VDC/2A POWER SUPPLY
OPERATING CONDITIONS	- 5°C ÷ 45°C (UNDER NON-CONDENSING CONDITIONS)
CONNECTION	CLASS 2 WIRELESS, FREQUENCY RANGE FROM 2.402 MHZ TO 2.480 MHZ WITH A TRANSMISSION POWER OF 1 DBM (RANGE UP TO 15 M, DEPENDING ON THE RADIO SIGNAL STRENGTH OF THE SMARTPHONE)
MATERAL	ABS-PC
DEGREE OF PROTECTION	IP42 (PROTECTED AGAINST DRIPPING WATER AND PROTECTED AGAINST INGRESS OF SOLID OBJECTS LARGER THAN 1MM)
DISPLAY	COLOR DISPLAY, 320 X 240 PIXELS
KEYBOARD	5 KEYS
BATTERY	BATTERY LIFE 8 H (LI-ION 5100 MA/H 3.6 V RECHARGEABLE BATTERY
STORAGE TEMPERATURE	- 20°C ÷ 50°C
LANGUAGES AVAILABLE	ENGLISH, FRENCH, GERMAN, SPANISH, ITALIAN AND PORTUGUESE
WEIGHT	350 G
DIMENSIONS	99 X 49 X 194 MM (WXDXH)

SKU 90053 / 90054	
POWER SUPPLY	100-240 VAC 50-60 HZ, 5 VDC/2A POWER SUPPLY
OPERATING CONDITIONS	- 5°C ÷ 45°C (UNDER NON-CONDENSING CONDITIONS)
CONNECTION	LASS 2 WIRELESS, FREQUENCY RANGE FROM 2.402 MHZ TO 2.480 MHZ WITH A TRANSMISSION POWER OF 1 DBM (RANGE UP TO 15 M, DEPENDING ON THE RADIO SIGNAL STRENGTH OF THE SMARTPHONE)
MATERAL	ABS-PC
DEGREE OF PROTECTION	IP42 (PROTECTED AGAINST DRIPPING WATER AND PROTECTED AGAINST INGRESS OF SOLID OBJECTS LARGER THAN 1MM)
DISPLAY	TOUCH-SCREEN COLOR DISPLAY, 480 X 272 PIXELS
TASTIERA	1 ON/OFF BUTTON
KEYBOARD	BATTERY LIFE 8 H (LI-ION 5100 MA/H 3.6 V RECHARGEABLE BATTERY
STORAGE TEMPERATURE	- 20°C ÷ 50°C
LANGUAGES AVAILABLE	ENGLISH, FRENCH, GERMAN, SPANISH, ITALIAN AND PORTUGUESE
WEIGHT	350 G
DIMENSIONS	99 X 49 X 194 MM (WXDXH)

SKU	MODEL	PRICE
00000090051	COMBUSTION ANALYZER - SI-CA 030 2AS	€2719.55 VAT EXCLUDED
00000090052	COMBUSTION ANALYZER - SI-CA 030 3AS	€3603.4 VAT EXCLUDED
00000090053	COMBUSTION ANALYZER - SI-CA 130 2AHD	€4350.75 VAT EXCLUDED
00000090054	COMBUSTION ANALYZER - SI-CA 130 3AHD	€5370.45 VAT EXCLUDED